

What is claimed is:

1. A stream enciphering method for generating a cryptographic code by carrying out exclusive-OR operations
5 between a plaintext code which is a secrecy object and a PN signal, wherein a cycle contradictory to the basic processing unit of said plaintext code is employed as a cycle of said PN signal.

10 2. A deciphering method for deciphering a cryptographic code to a plaintext code which is a secrecy object, the cryptographic code being enciphered by a stream enciphering method for generating the cryptographic code by carrying out exclusive-OR operations between the plaintext code and a PN
15 signal having a cycle contradictory to a basic processing unit of said plaintext code, wherein

said cryptographic code is restored to an original plaintext code by carrying out exclusive-OR operations by obtaining synchronism between said cryptographic code and a
20 same PN signal as said PN signal.

3. A cryptographic communication system constituted so as to be capable of achieving cryptographic communication between a transmitter side and a receiver side, wherein
25 said transmitter side comprises:

a plaintext storage means for storing a plaintext code which is a secrecy object by each basic processing unit;

a transmitter side PN signal storage means for storing a PN signal which has a contradictory cycle to the
30 basic processing unit of said plaintext code;

an enciphering means for generating a cryptographic code by carrying out exclusive-OR operations between the plaintext code stored in said plaintext storage means and the PN signal stored in said transmitter side PN
35 signal storage means; and

a transmitting means for transmitting the

cryptographic code generated by said enciphering means to the receiver side, and

said receiver side comprises:

5 a receiving means for receiving the cryptographic code transmitted from said transmitting means;

a cipher text storage means for storing the cryptographic code received by said receiving means by each basic processing unit;

10 a receiver side PN signal storage means for storing a same PN signal as the PN signal stored in said transmitter side PN signal storage means; and

15 a deciphering means for deciphering the cryptographic code to an original plaintext code by carrying out exclusive-OR operations by obtaining synchronism between the cryptographic code stored in said cipher text storage means and the PN signal stored in said receiver side PN signal storage means.